

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for generating a unique incoming call alert tone responsive to a received call in a composite cellular terminal providing at least two ~~one or more~~ service options available via a cellular system, the method comprising the steps of:

displaying a list of said at least two service options upon reception of an incoming call alert tone setting key input;

selecting one of the displayed at least two service options in response to a user's key input;

displaying a list of incoming call alert tones;

selecting one of the displayed incoming call alert tones in response to a user's key input;

matching the selected incoming call alert tone to the selected service option;

generating the selected incoming call alert tone;

storing the incoming call alert tone in association with the selected service option upon the entry of a confirmation key;

~~setting and storing said unique incoming call alert tone for each of said one or more service options;~~

recognizing a service option from a paging message received over the cellular system;

retrieving an incoming call alert tone corresponding to the recognized service option; and

generating the retrieved incoming call alert tone.

2. (Original) The method as claimed in claim 1, wherein said service options comprise a voice call service, an asynchronous data service, a facsimile service, a short message service, a packet data service and a CDPD (Cellular Digital Packet Data) service.

3. (Currently Amended) A method for displaying a unique incoming call display message responsive to a received call in a composite cellular terminal providing at least two ~~one or more~~ service options available via a cellular system, the method comprising the steps of:

displaying said at least two service options upon receipt of an incoming call;

selecting one of the service options in response to a user's key input;

displaying a message requesting a user to input an incoming call display message;
displaying an incoming call display message input by the user;
storing the input incoming call display message in association with the selected service
option upon entry of a confirmation key;

~~setting and storing said unique incoming call display message for each of said one or more service options;~~

determining whether the received paging message is for the composite cellular terminal;
recognizing a service option from the paging message received over the cellular system
when the received paging message is for the composite cellular terminal;

retrieving an incoming call display message corresponding to the recognized service
option; and

displaying the incoming call display message.

4. (Original) The method as claimed in claim 3, wherein said service options
comprise a voice call service, an asynchronous data service, a facsimile service, a short message
service, a packet data service and a CDPD service.

5. (Cancelled)

6. (Currently Amended) A method for issuing a unique incoming call alert tone and
a unique incoming call display message according to types of terminated calls in a composite
cellular terminal providing at least two service options available via a cellular system, the method
comprising the steps of ~~The method as claimed in claim 5, wherein said step of setting and~~
~~storing a unique incoming call alert tone for each of said provided service options further~~
~~comprises the steps of:~~

displaying a list of said one or more service options upon reception of an incoming call
alert tone setting key input;

selecting one of the displayed one or more service options in response to a user's key
input;

displaying a list of incoming call alert tones;

selecting one of the displayed incoming call alert tones in response to a user's key input;
matching the selected incoming call alert tone to the selected service option;
generating the selected incoming call alert tone; and
storing the selected incoming call alert tone in association with the selected service option
upon receipt of a confirmation key input;

setting and storing a unique incoming call display message for each of said provided one
or more service options;

recognizing a service option from a paging message received over the cellular system;
retrieving an incoming call alert tone corresponding to the recognized service option;
generating the retrieved incoming call alert tone;
retrieving an incoming call display message corresponding to the recognized service
option; and
displaying the incoming call display message.

7. (Currently Amended) A method for issuing a unique incoming call alert tone and
a unique incoming call display message according to types of terminated calls in a composite
cellular terminal providing at least two service options available via a cellular system, the method
comprising the steps of ~~The method as claimed in claim 5, wherein said step of setting the
incoming call display message comprises the steps of:~~

displaying said one or more service options upon reception of an incoming call;
selecting one of the service options in response to a user's key input;
displaying a message requesting a user to input an incoming call display message;
displaying an incoming call display message input by the user; and
storing the input incoming call display message in association with the selected service
option upon reception of a confirmation key;

setting and storing a unique incoming call alert tone for each of said provided at least two
service options;

recognizing a service option from a paging message received over the cellular system;
retrieving an incoming call alert tone corresponding to the recognized service option;
generating the retrieved incoming call alert tone;

retrieving an incoming call display message corresponding to the recognized service option; and
displaying the incoming call display message.

8. (Currently Amended) The method as claimed in claim 6 [[5]], wherein said service options comprise a voice call service, an asynchronous data service, a facsimile service, a short message service, a packet data service and a CDPD service.

9. (Currently Amended) A composite cellular telephone for generating a unique incoming call alert tone responsive to a paging message received over a cellular system, the received paging message having at least two a recognized service options available via the cellular system, the composite cellular terminal comprising:

means for setting and storing said unique incoming call alert tone for each of said at least two ~~one or more~~ service options;

means for recognizing a service option from a received paging message;

means for retrieving an incoming call alert tone corresponding to the recognized service option; and

means for generating the retrieved incoming call alert tone.

10. (Currently Amended) A composite cellular terminal for generating a unique incoming call display message responsive to a paging message received over a cellular system, the received paging message having at least two a recognized service options available via the cellular system, the composite cellular terminal comprising:

means for setting and storing said unique incoming call display messages for each of said at least two ~~one or more~~ service options;

means for determining whether the received paging message is for the composite cellular terminal;

means for recognizing a service option from the received paging message when the received paging message is for the composite cellular terminal;

means for retrieving an incoming call display message corresponding to the recognized

service option; and

means for displaying the incoming call display message.

Claims 11 to 13 (Cancelled)

14. (New) The method as claimed in claim 7, wherein said service options comprise a voice call service, an asynchronous data service, a facsimile service, a short message service, a packet data service and a CDPD service.